

# YourSix Operation in Manitou

01/10/2024 12:37 pm EST

## Overview

The goal of this integration is to receive alarms sent FROM YourSix cloud-hosted video platform into Manitou so that they can be handled by an operator. The operator would be able to click on a URL link that was sent with the alarm and view the video feed in the YourSix web portal.

## Alarm Path

The alarm will propagate as follows:

- A new alarm will be sent from YourSix via HTML POST to a web-server running the WebHookPost application
- A signal file will be created on the server hard-drive
- Media Gateway will read the signal file and process it
- A new alarm will be created and sent to the FEP via a BOLDXML receiver
- The FEP will send the signal to the Signal Handler via the Marshaller
- The Signal Handler will process this and apply any programming needed once it finds the account
- The alarm will be written into the database

An example of the Raw Data Log:

The screenshot displays a 'Raw Data Log Detail' window with the following fields:

- Date: Oct 20, 2022 15:30:08
- FEP No: 1
- Receiver No: 2
- Line No: 5556
- Rec. Line Des.: MG
- TX ID: 123456
- Data Code: MGWXML

The Event Data section contains the following XML:

```
<?xml version="1.0"?><Packet ID="123456" Line="5556"><Signal EvType="SIA" Event="UR"><Area>2</Area><Zone>PTZ</Zone><PointID>eventDescription:Storage Healthy, deviceName:PTZ, deviceDescription:Zone 1 Front Door</PointID><URL>https://inspect.svc.johan.yoursix.cloud?deviceId=1ed50ba5-3eaf-6f6b-9f55-6e2e88a13dc0&eventType=storagehealthy&siteId=1ed4f107-fc00-63d4-beac-19d357b9064d&timestamp=1666301404&token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiJjc2kiLCJleHAiOiJlbnR5YXV0eS9uSUQiOj0iLCJ0eXBlIjoiYm9vaWQzZWQ0ZmM0Mi1iZDRlTY1YmEtYjY0Y0C00YTRiY2Y3Y2MzMTZmMTEiLCJ0eXBlIjoiYm9vaWQzZWQ0ZjEwNy1mYzAwLTZmMmlyMTJmIn0uAYDlIcXn8wsGDSWOhKfKcvxl-2g0tfH7Z09yefBnUnM</URL><Comment>eventDescription:Storage Healthy, deviceName:PTZ, deviceDescription:Zone 1 Front Door</Comment></Signal></Packet>
```

Navigation buttons at the bottom include 'PREVIOUS', 'NEXT', and 'OK'.

# Handling the Alarm

Handling the alarm should auto-launch a web page taking you to the YourSix portal. The event video clip can be watched as well as live video. It is also possible in the portal to view other cameras on the site.

YourSix uses a session token that is time limited to 3 days currently.

We display the area and zone the alarm comes from as well as the reason for the alarm which is listed in the Point ID.

The device description coming from YourSix is not used as the zone description but is shown in the PointId. If a corresponding zone is created on the account and given a description it will be displayed.

The screenshot displays the 'Your Six Customer - BA (Burglary Alarm)' interface. It is divided into several sections:

- Alarm Details:** A table on the left lists alarm parameters: Priority (4), System (1 - Main), Area (2 - Area 2), Zone (PTZ - Front Office), FEP (1 - FEP), Receiver (2 - Media Gateway XML), Line (5556 -), and Event Category (BURG - Burglary). A table on the right shows Alarm Time (10/20/2022 15:22:23), TX (1 -), Point ID (eventDescription:Video Motion Detection, deviceName:PTZ, deviceDescription:Zone 1 Front Door), Receiver Line (MG - MediaGateway), Prefix (123456), TX ID (DFLT - Default Transmitter Type), and Audio/Video options.
- Action Pattern - G4 (1/18):** A list of actions including 'CALL THE CUSTOMER', 'CALL THE AHJ', 'SET: @COUNTER = 0', 'LABEL: RECALL\_1', 'CONTACT COMPANY KEYHOLDER', 'IF PRIOR ACTION COMPLETED', 'ELSE', 'END IF', and 'CLOSE THE ALARM'.
- Enhanced Notifications:** A section with a '...' menu icon.
- Customer Status:** A section with a '...' menu icon.
- Customer Information:** 'Your Six Customer - 1234 Lee Vance Drive Suite 250, Colorado Springs, CO 80918' and 'YourSix - ...'.
- Customer Activity Log:** A table with columns for Date, Time, Log Description, User ID, and Workstation. It shows a sequence of events including 'SAVE - Customer Details Saved', 'SIGNAL - Untyped Zone Restore (UR)', 'BINARY - URL', 'ALARM - Untyped Zone Trouble (UT)', 'CLOSE - Untyped Zone Trouble (UT)', 'RESOLUTION - Untyped Zone Trouble (UT) - Res: No Resolution Code Given - Genuine Alarm', 'SIGNAL - Untyped Zone Restore (UR)', 'ALARM - Burglary Alarm (BA)', and 'BINARY - URL'.